

INDEX TO VOLUME 279

September–October 1983

- Armstrong, Thomas E. *Finitely additive F -processes*, 271.
- Assem, Ibrahim and Roldán, Oscar. *Gradings of B_n and C_n of finite representation type*, 589.
- Barnes, Bruce A. *The properties \ast -regularity and uniqueness of C^\ast -norm in a general \ast -algebra*, 841.
- Bhatwadekar, S. M. and Rao, R. A. *On a question of Quillen*, 801.
- Białynicki-Birula, Andrzej and Sommese, Andrew John. *Quotients by C^\ast and $SL(2, C)$ actions*, 773.
- Blass, Andreas. *Cohomology detects failures of the axiom of choice*, 257.
- Burton, T. A. and Mahfoud, W. E. *Stability criteria for Volterra equations*, 143.
- Campillo, Antonio. *Hamburger-Noether expansions over rings*, 377.
- Chuaqui, Rolando and Malitz, Jerome. *Preorderings compatible with probability measures*, 811.
- Cygan, Jacek M. and Richardson, Leonard F. *Global solvability on two-step compact nilmanifolds*, 537.
- DeMeyer, F. R. and Janusz, G. J. *Group rings which are Azumaya algebras*, 389.
- Eklöf, Paul C. *The structure of ω_1 -separable groups*, 497.
- Elton, John. *Sign-embeddings of l_1^n* , 113.
- Fabes, Eugene and Salsa, Sandro. *Estimates of caloric measure and the initial-Dirichlet problem for the heat equation in Lipschitz cylinders*, 635.
- Franks, John. *Symbolic dynamics in flows on three-manifolds*, 231.
- Freedman, M. A. *Operators of P -variation and the evolution representation problem*, 95.
- Gerstenhaber, M. and Schack, S. D. *On the deformation of algebra morphisms and diagrams*, 1.
- Gill, Tepper L. *Time-ordered operators. II*, 617.
- Gingold, H. *On the location of zeros of oscillatory solutions*, 471.
- Green, Edward L. *Graphs with relations, coverings and group-graded algebras*, 297.
- Grinberg, Eric L. *Spherical harmonics and integral geometry on projective spaces*, 187.
- Guerre, S. and Levy, M. *Espaces l^p dans les sous-espaces de L^1* , 611.
- Guillemin, V. and Uribe, A. *Spectral properties of a certain class of complex potentials*, 759.
- Haring-Smith, Robert H. *Groups and simple languages*, 337.
- Hayaashi, Mikihiro. *Invariant subspaces on Riemann surfaces of Parreau-Widom type*, 737.
- Heller, Alex. *Erratum to "Homotopy in functor categories"*, 429.
- Hilden, Hugh M., Lozano, Maria Teresa and Montesinos, José Maria. *All three-manifolds are pullbacks of a branched covering S^3 to S^3* , 729.
- Janusz, G. J. See DeMeyer, F. R.
- Johnson, Keith. *On compact cohomology theories and Pontrjagin duality*, 237.
- Kobayashi, Teiichi. *Nonimmersions and nonembeddings of quaternionic spherical space forms*, 723.
- Korenblum, Boris and Thomas, Edward. *An inequality with applications in potential theory*, 525.
- Kraus, Jon. *The slice map problem for σ -weakly closed subspaces of von Neumann algebras*, 357.
- Kwong, Man Kam and Wong, James S. W. *Linearization of second-order nonlinear oscillation theorems*, 705.
- Leckband, M. A. and Neugebauer, C. J. *Weighted iterates and variants of the Hardy-Littlewood maximal operator*, 51.
- Lee, Youn W. *Handle attaching on generic maps*, 77.
- Levy, M. See Guerre, S.
- Lozano, Maria Teresa. See Hilden, Hugh M.
- Maass, Wolfgang. *Characterization of recursively enumerable sets with supersets effectively isomorphic to all recursively enumerable sets*, 311.
- Mahfoud, W. E. See Burton, T. A.
- Malitz, Jerome. See Chuaqui, Rolando.
- Miatello, Roberto J. and Vargas, Jorge A. *On the distribution of the principal series in $L^2(\Gamma \backslash G)$* , 63.
- Montesinos, José Maria. See Hilden, Hugh M.
- Nestlerode, W. C. and Stoll, M. *Radial limits of n -subharmonic functions in the polydisc*, 691.
- Neugebauer, C. J. See Leckband, M. A.
- Nyikos, Peter J. and Vaughan, Jerry E. *On first countable, countably compact spaces. I: (ω_1, ω_1^*) -gaps*, 463.
- Pixton, Dennis. *Markov neighborhoods for zero-dimensional basic sets*, 431.
- Prele, M. J. and Singer, M. F. *Elementary first integrals of differential equations*, 215.
- Rao, R. A. See Bhatwadekar, S. M.

INDEX TO VOLUME 279

September–October 1983

- Armstrong, Thomas E. *Finitely additive F -processes*, 271.
- Assem, Ibrahim and Roldán, Oscar. *Gradings of B_n and C_n of finite representation type*, 589.
- Barnes, Bruce A. *The properties \ast -regularity and uniqueness of C^\ast -norm in a general \ast -algebra*, 841.
- Bhatwadekar, S. M. and Rao, R. A. *On a question of Quillen*, 801.
- Białynicki-Birula, Andrzej and Sommese, Andrew John. *Quotients by C^\ast and $SL(2, C)$ actions*, 773.
- Blass, Andreas. *Cohomology detects failures of the axiom of choice*, 257.
- Burton, T. A. and Mahfoud, W. E. *Stability criteria for Volterra equations*, 143.
- Campillo, Antonio. *Hamburger-Noether expansions over rings*, 377.
- Chuaqui, Rolando and Malitz, Jerome. *Preorderings compatible with probability measures*, 811.
- Cygan, Jacek M. and Richardson, Leonard F. *Global solvability on two-step compact nilmanifolds*, 537.
- DeMeyer, F. R. and Janusz, G. J. *Group rings which are Azumaya algebras*, 389.
- Eklof, Paul C. *The structure of ω_1 -separable groups*, 497.
- Elton, John. *Sign-embeddings of l_1^n* , 113.
- Fabes, Eugene and Salsa, Sandro. *Estimates of caloric measure and the initial-Dirichlet problem for the heat equation in Lipschitz cylinders*, 635.
- Franks, John. *Symbolic dynamics in flows on three-manifolds*, 231.
- Freedman, M. A. *Operators of P -variation and the evolution representation problem*, 95.
- Gerstenhaber, M. and Schack, S. D. *On the deformation of algebra morphisms and diagrams*, 1.
- Gill, Tepper L. *Time-ordered operators. II*, 617.
- Gingold, H. *On the location of zeros of oscillatory solutions*, 471.
- Green, Edward L. *Graphs with relations, coverings and group-graded algebras*, 297.
- Grinberg, Eric L. *Spherical harmonics and integral geometry on projective spaces*, 187.
- Guerre, S. and Levy, M. *Espaces l^p dans les sous-espaces de L^1* , 611.
- Guillemin, V. and Uribe, A. *Spectral properties of a certain class of complex potentials*, 759.
- Haring-Smith, Robert H. *Groups and simple languages*, 337.
- Hayaashi, Mikihiro. *Invariant subspaces on Riemann surfaces of Parreau-Widom type*, 737.
- Heller, Alex. *Erratum to "Homotopy in functor categories"*, 429.
- Hilden, Hugh M., Lozano, Maria Teresa and Montesinos, José Maria. *All three-manifolds are pullbacks of a branched covering S^3 to S^3* , 729.
- Janusz, G. J. See DeMeyer, F. R.
- Johnson, Keith. *On compact cohomology theories and Pontrjagin duality*, 237.
- Kobayashi, Teiichi. *Nonimmersions and nonembeddings of quaternionic spherical space forms*, 723.
- Korenblum, Boris and Thomas, Edward. *An inequality with applications in potential theory*, 525.
- Kraus, Jon. *The slice map problem for σ -weakly closed subspaces of von Neumann algebras*, 357.
- Kwong, Man Kam and Wong, James S. W. *Linearization of second-order nonlinear oscillation theorems*, 705.
- Leckband, M. A. and Neugebauer, C. J. *Weighted iterates and variants of the Hardy-Littlewood maximal operator*, 51.
- Lee, Youn W. *Handle attaching on generic maps*, 77.
- Levy, M. See Guerre, S.
- Lozano, Maria Teresa. See Hilden, Hugh M.
- Maass, Wolfgang. *Characterization of recursively enumerable sets with supersets effectively isomorphic to all recursively enumerable sets*, 311.
- Mahfoud, W. E. See Burton, T. A.
- Malitz, Jerome. See Chuaqui, Rolando.
- Miatello, Roberto J. and Vargas, Jorge A. *On the distribution of the principal series in $L^2(\Gamma \backslash G)$* , 63.
- Montesinos, José Maria. See Hilden, Hugh M.
- Nestlerode, W. C. and Stoll, M. *Radial limits of n -subharmonic functions in the polydisc*, 691.
- Neugebauer, C. J. See Leckband, M. A.
- Nyikos, Peter J. and Vaughan, Jerry E. *On first countable, countably compact spaces. I: (ω_1, ω_1^*) -gaps*, 463.
- Pixton, Dennis. *Markov neighborhoods for zero-dimensional basic sets*, 431.
- Prele, M. J. and Singer, M. F. *Elementary first integrals of differential equations*, 215.
- Rao, R. A. See Bhatwadekar, S. M.

- Richardson, Leonard F. See Cygan, Jacek M.
- Richman, Fred. *An extension of the theory of completely decomposable torsion-free abelian groups*, 175.
- Rohnes, B. and Smalø, S. O. *Nakayama algebras and graded trees*, 249.
- Roldán, Oscar. See Assem, Ibrahim.
- Ruberman, Daniel. *Doubly slice knots and the Casson-Gordon invariants*, 569.
- Salsa, Sandro. See Fabes, Eugene.
- Sarian, Edward. *Some applications of direct integral decompositions of W^* -algebras*, 677.
- Schack, S. D. See Gerstenhaber, M.
- Schilling, Kenneth and Vaught, Robert. *Borel games and the Baire property*, 411.
- Sieberg, Hans-Willi. *Chaotic difference equations: Generic aspects*, 205.
- Singer, M. F. See Prelle, M. J.
- Smalø, S. C. See Rohnes, B.
- Solel, Baruch. *The invariant subspace structure of nonselfadjoint crossed products*, 825.
- Sommese, Andrew John. See Białynicki-Birula, Andrzej.
- Stiller, Peter F. *Certain reflexive sheaves on \mathbb{P}_C^n and a problem in approximation theory*, 125.
- Stoll, M. See Nestlerode, W. C.
- Strichartz, Robert S. *Improved Sobolev inequalities*, 397.
- Swardson, Mary Anne. *A generalization of F -spaces and some topological characterizations of GCH* , 661.
- Thomas, Edward. See Korenblum, Boris.
- Tirao, Juan A. *A restriction theorem for semisimple Lie groups of rank one*, 651.
- Uribe, A. See Guillemin, V.
- Vargas, Jorge A. See Miatello, Roberto J.
- Vaughan, Jerry E. See Nyikos, Peter J.
- Vaught, Robert. See Schilling, Kenneth.
- Wong, James S. W. See Kwong, Man Kam.
- Ziemer, William P. *Mean values of subsolutions of elliptic and parabolic equations*, 555.